

TABLE 3
**AMPLE SUMMARY TABLE - GROUNDWATER
 LLING KNOLLS LANDFILL SUPERFUND SITE
 CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-X-1 (121014) 20025897 12/10/2014 X-1	GW-X-2 (121014) 20025897 12/10/2014 X-2	GW-X-3 (121014) 20025897 12/10/2014 X-3	GW-X-4 (120014) 20025837 12/09/2014 X-4	GW-X-5 (120914) 20025837 12/09/2014 X-5	GW-X-6 (120814) 20025837 12/08/2014 X-6	GW-MW-1 (121014) 20025897 12/10/2014 MW-1	GW-DUP (121014) 20025897 12/11/2014 MW-2	GW-MW-2 (121114) 20025897 12/11/2014 MW-3	GW-MW-3 (121114) 20025897 12/11/2014 MW-4	GW-MW-4 (121014) 20025897 12/10/2014 Result	
Volatile Organic Compounds			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	ug/L	30	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2,2-Tetrachloroethane	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	NS	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2-Trichloroethane	ug/L	3	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1-Dichloroethane	ug/L	50	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1-Dichloroethene	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2,3-Trichlorobenzene	ug/L	NS	0.36 JB		0.15 JB		0.12 JB		5.0 U		5.0 U		0.14 JB	
1,2,4-Trichlorobenzene	ug/L	9	0.29 JB		0.14 JB		5.0 U		5.0 U		0.11 JB		0.048 JB	
1,2-Dibromo-3-chloropropane	ug/L	0.02	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dibromoethane	ug/L	0.03	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichlorobenzene	ug/L	600	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichloroethane	ug/L	2	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichloropropane	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,3-Dichlorobenzene	ug/L	600	0.15 JB		5.0 U		0.029 JB		0.022 JB		0.029 JB		5.0 U	
1,4-Dichlorobenzene	ug/L	75	5.0 U		5.0 U		5.0 U		5.0 U		0.48 JB		0.42 JB	
1,4-Dioxane	ug/L	10	100 U		100 U		100 U		100 U		100 U		100 U	
2-Butanone	ug/L	300	10 U		10 U		10 U		10 U		10 U		10 U	
2-Hexanone	ug/L	300	10 U		10 U		10 U		10 U		10 U		10 U	
4-Methyl-2-pentanone	ug/L	NS	10 U		10 U		10 U		10 U		10 U		10 U	
Acetone	ug/L	6,000	10 U		10 U		10 U		10 U		10 U		10 U	
Benzene	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Bromochloromethane	ug/L	NS	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Bromodichloromethane	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Bromoform	ug/L	4	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Bromomethane	ug/L	10	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Carbon Disulfide	ug/L	700	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Carbon Tetrachloride	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Chlorobenzene	ug/L	50	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Chloroethane	ug/L	5	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Chloroform	ug/L	70	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Chloromethane	ug/L	NS	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
cis-1,2-Dichloroethene	ug/L	70	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
cis-1,3-Dichloropropene	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Cyclohexane	ug/L	NS	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		110	
Dibromochloromethane	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Dichlorodifluoromethane	ug/L	1,000	5.0 U		5.0 U		5.0 U		5.0 U		0.48 J		5.0 U	
Ethylbenzene	ug/L	700	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Isopropylbenzene	ug/L	700	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.5	
m,p-Xylene	ug/L	1,000	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Methyl Acetate	ug/L	7,000	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Methyl tert-Butyl Ether	ug/L	70	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Methylcyclohexane	ug/L	NS	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Methylene Chloride	ug/L	3	5.0 U		5.0 U		5.0 U		1.0 JB		0.94 JB		1.2 JB	
o-Xylene	ug/L	1,000	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Styrene	ug/L	100	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Tetrachloroethene	ug/L	0.4	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Toluene	ug/L	600	5.0 U		0.21 J		0.086 J		5.0 U		0.061 JB		5.0 U	
Total Xylenes	ug/L	1,000	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
trans-1,2-Dichloroethene	ug/L	100	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
trans-1,3-Dichloropropene	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Trichloroethene	ug/L	1	5.0 U		0.41 J		5.0 U		5.0 U		0.21 J		5.0 U	
Trichlorofluoromethane	ug/L	2,000	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		0.25 J	
Vinyl Chloride	ug/L	1	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
Total Conc	ug/L	NS	0.8		0.91		0.206		1.029		0.962		1.98	
Total Estimated Conc. (TICs)	ug/L	NS	59.0		56.0		59.0		60.0		61.0		60.0	

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Semivolatile Organic Compounds													
1,1-Biphenyl	ug/L	400	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
1,2,4,5-Tetrachlorobenzene	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,2'-Oxybis(1-Chloropropane)	ug/L	300	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,3,4,6-Tetrachlorophenol	ug/L	200	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,4,5-Trichlorophenol	ug/L	700	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,4,6 Trichlorophenol	ug/L	20	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,4-Dichlorophenol	ug/L	20	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,4-Dimethylphenol	ug/L	100	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,4-Dinitrophenol	ug/L	40	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
2,4-Dinitrotoluene	ug/L	10	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2,6-Dinitrotoluene	ug/L	10	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2-Chloronaphthalene	ug/L	600	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2-Chlorophenol	ug/L	40	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
2-Methylphenol	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	10	6.2 U
2-Nitroaniline	ug/L	NS	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
2-Nitrophenol	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
3,3'-Dichlorobenzidine	ug/L	30	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
3-Nitroaniline	ug/L	NS	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
4,6-Dinitro-2-methylphenol	ug/L	1	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
4-Bromophenyl Ether	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
4-Chloro-3-methylphenol	ug/L	100	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
4-Chloroaniline	ug/L	30	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
4-Chlorophenylphenyl ether	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
4-Methylphenol	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
4-Nitroaniline	ug/L	NS	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
4-Nitrophenol	ug/L	NS	12 U	12 U	11 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U	12 U
Acetophenone	ug/L	700	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Atrazine	ug/L	3	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Benzaldehyde	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	0.53 J	6.2 U
Bis(2-Chloroethoxy) Methane	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Bis(2-Chloroethyl) Ether	ug/L	7	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	8.2	6.2 U
Bis(2-ethyl hexyl) phthalate	ug/L	3	0.41 J	5.9 U	5.7 U	0.39 JB	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Butylbenzylphthalate	ug/L	100	0.39 J	5.9 U	5.7 U	0.24 JB	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Caprolactam	ug/L	5,000	39	55	18	20	17	14	4.7 J	3.6 J	0.79 J	5.5 U	12
Carbazole	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Dibenzofuran	ug/L	NS	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Diethyl phthalate	ug/L	6,000	5.8 U	5.9 U	5.7 U	0.73 JB	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Dimethyl phthalate	ug/L	100	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Di-n-butyl phthalate	ug/L	700	0.19 J	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Di-n-octyl phthalate	ug/L	100	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Hexachlorobenzene	ug/L	0.02	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Hexachlorobutadiene	ug/L	1	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Hexachlorocyclopentadiene	ug/L	40	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Hexachloroethane	ug/L	7	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Isophorone	ug/L	40	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
Nitrobenzene	ug/L	6	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
N-Nitroso-di-n-propylamine	ug/L	10	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U
N-Nitrosodiphenylamine	ug/L	10	5.8 U	5.9 U	5.7 U	5.5 U	5.4 U	5.2 U	5.3 U	5.3 U	5.5 U	5.5 U	6.2 U

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SVOCs SIM													
2-Methylnaphthalene	ug/L	30	0.0065 JB	0.0057 JB	0.0063 JB	0.11 U	0.11 U	0.10 U	0.0082 JB	0.0082 JB	0.0061 JB	0.11 U	0.0060 JB
Acenaphthene	ug/L	400	0.0069 JB	0.0043 JB	0.0046 JB	0.11 U	0.11 U	0.10 U	0.073 JB	0.069 JB	0.0061 JB	0.11 U	0.0041 JB
Acenaphthylene	ug/L	100	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Anthracene	ug/L	2,000	0.0055 JB	0.0036 JB	0.0032 JB	0.11 U	0.11 U	0.10 U	0.012 JB	0.017 JB	0.11 U	0.11 U	0.0034 JB
Benz(a)anthracene	ug/L	0.1	0.0031 JB	0.0038 JB	0.0038 JB	0.11 U	0.11 U	0.10 U	0.0045 JB	0.11 U	0.0037 JB	0.11 U	0.0039 JB
Benz(a)pyrene	ug/L	0.1	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Benz(b)fluoranthene	ug/L	0.05	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Benzof(g,h,i)perylene	ug/L	100	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Benzo(k)fluoranthene	ug/L	0.5	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Chrysene	ug/L	5	0.0029 J	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.0028 J	0.11 U	0.12 U
Dibenz(a,h)anthracene	ug/L	0.3	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Fluoranthene	ug/L	300	0.012 JB	0.0062 JB	0.0070 JB	0.11 U	0.11 U	0.10 U	0.0065 JB	0.0075 JB	0.011 JB	0.11 U	0.0065 JB
Fluorene	ug/L	300	0.0045 JB	0.0035 JB	0.0052 JB	0.11 U	0.11 U	0.10 U	0.0071 JB	0.0076 JB	0.0065 JB	0.11 U	0.0040 JB
Indeno(1,2,3-cd)pyrene	ug/L	0.2	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.12 U
Naphthalene	ug/L	300	0.010 JB	0.0096 JB	0.017 JB	0.11 U	0.0035 J	0.0028 J	0.012 JB	0.013 JB	0.013 JB	0.11 JB	0.012 JB
Pentachlorophenol	ug/L	0.3	0.23 U	0.24 U	0.23 U	0.22 U	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U	0.22 U	0.25 U
Phenanthrene	ug/L	100	0.019 JB	0.016 JB	0.016 JB	0.11 U	0.11 U	0.10 U	0.0088 JB	0.012 JB	0.014 JB	0.24 B	0.015 JB
Pyrene	ug/L	200	0.0068 JB	0.0043 JB	0.0053 JB	0.11 U	0.11 U	0.10 U	0.0076 JB	0.0060 JB	0.0082 JB	0.11 U	0.0051 JB
Total Conc	ug/L	NS	0.0772	0.057	0.0684	0.0	0.0035	0.0028	0.1397	0.1403	0.0714	0.35	0.06
Polychlorinated Biphenyls													
Aroclor-1016	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1221	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1232	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1242	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1248	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1254	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1260	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1262	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Aroclor-1268	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Total PCBs	ug/L	0.5	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U
Pesticides													
2,4'-DDD	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.014 JP	0.11 U
2,4'-DDE	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.0045 JP	0.11 U
2,4'-DDT	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.0099 JP	0.11 U
4,4'-DDD	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.011 JP	0.11 U
4,4'-DDE	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.013 JP	0.11 U
4,4'-DDT	ug/L	0.1	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.0037 JP	0.11 U
Aldrin	ug/L	0.04	0.055 U	0.052 U	0.051 U	0.056 U	0.057 U	0.056 U	0.056 U	0.053 U	0.052 U	0.0049 JP	0.053 U
alpha-BHC	ug/L	0.02	0.055 U	0.052 U	0.051 U	0.056 U	0.057 U	0.056 U	0.053 U	0.052 U	0.051 JP B	0.0071 JP	0.053 U
alpha-Chlordane	ug/L	0.5	0.055 U	0.052 U	0.051 U	0.056 U	0.057 U	0.056 U	0.056 U	0.053 U	0.052 U	0.0023 JP	0.053 U
beta-BHC	ug/L	0.04	0.0013 JP B	0.0024 JP B	0.0014 JP B	0.056 U	0.0013 JP	0.0079 JP	0.0014 JB	0.0015 JP B	0.0011 JP B	0.022 JP B	0.0053 U
delta-BHC	ug/L	0.03	0.055 U	0.052 U	0.051 U	0.056 U	0.057 U	0.056 U	0.056 U	0.053 U	0.052 U	0.023 JP	0.053 U
Dieldrin	ug/L	0.03	0.11 U	0.10 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.016 JP	0.11 U
Endosulfan I	ug/L	40	0.055 U	0.052 U	0.051 U</								

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-X-1 (121014) 20025897 12/10/2014 X-1 Result Q	GW-X-2 (121014) 20025897 12/10/2014 X-2 Result Q	GW-X-3 (121014) 20025897 12/10/2014 X-3 Result Q	GW-X-4 (120014) 20025837 12/09/2014 X-4 Result Q	GW-X-5 (120914) 20025837 12/09/2014 X-5 Result Q	GW-X-6 (120814) 20025837 12/08/2014 X-6 Result Q	GW-MW-1 (121014) 20025897 12/10/2014 MW-1 Result Q	GW-DUP (121014) 20025897 12/10/2014 MW-1 Result Q	GW-MW-2 (121114) 20025897 12/11/2014 MW-2 Result Q	GW-MW-3 (121114) 20025897 12/11/2014 MW-3 Result Q	GW-MW-4 (121014) 20025897 12/10/2014 MW-4 Result Q
Inorganics (total)													
Aluminum	ug/L	200	121 J	82.7 J	292	1240	127 J	200 U	57.3 J	54.0 J	33.8 J	37.1 J	250
Antimony	ug/L	6	60.0 U	4.9 J	6.2 J	60.0 U	60.0 U	60.0 U					
Arsenic	ug/L	3	10.0 U	3.3 J	10.0 U	10.0 U	10.0 U	10.0 U	24.8				
Barium	ug/L	6,000	23.8 J	28.3 J	11.7 J	15.6 J	29.4 J	200 U	293	301	339	206	14.2 J
Beryllium	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U						
Cadmium	ug/L	4	5.0 U	0.40 J	5.0 U	5.0 U	5.0 U	5.0 U	0.85 J	0.66 J	5.0 U	0.59 J	5.0 U
Calcium	ug/L	NS	43500	30900	8530	15100	71100	3230 J	159000	164000	54600	57000	5360
Chromium	ug/L	70	0.96 J	10.0 U	1.5 J	4.2 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	0.74 J	0.68 J
Cobalt	ug/L	100	1.3 J	50.0 U	1.0 J	50.0 U	0.76 J	2.4 J	50.0 U				
Copper	ug/L	1,300	25.0 U	25.0 U	25.0 U	2.3 J	1.7 J	25.0 U	6.0 J	6.6 J	25.0 U	25.0 U	25.0 U
Cyanide	ug/L	100	10.0 U	15.2	16.2	10.0 U	4.0 J	10.0 U					
Iron	ug/L	300	3310	2020	524	2050	147	186	8110	8480	24000	33000	362
Lead	ug/L	5	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U						
Magnesium	ug/L	NS	21000	25000	4350 J	6350	2800 J	761 J	12100	12500	4860 J	21900	3520 J
Manganese	ug/L	50	429	501	48.9	22.9	4.1 J	39.9	233	239	617	986	6.4 J
Mercury	ug/L	2	0.090 J	0.20 U	0.089 J	0.20 U	0.074 J	0.20 U	0.098 J	0.078 J	0.14 J	0.098 J	0.11 J
Nickel	ug/L	100	1.7 J	1.8 J	1.5 J	2.7 J	40.0 U	40.0 U	3.9 J	4.2 J	4.3 J	2.6 J	1.7 J
Potassium	ug/L	NS	521 J	607 J	448 J	632 J	4220 J	208 J	8020	8220	2820 J	5560	279 J
Selenium	ug/L	40	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U						
Silver	ug/L	40	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U						
Sodium	ug/L	50,000	45900	14400	6080	11300	3780 J	2400 J	11700	12000	6530	59500	8710
Thallium	ug/L	2	2.7 J	25.0 U	2.1 J	25.0 U	25.0 U	25.0 U	25.0 U				
Vanadium	ug/L	60	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U						
Zinc	ug/L	2,000	60.0 U	60.0 U	60.0 U	4.8 J	60.0 U	6.7 J	38.9 J	39.5 J	60.0 U	60.0 U	60.0 U
Inorganics (dissolved)													
Aluminum	ug/L	200	200 U	200 U	200 U	200 U	42.7 J	200 U	48.3 J	36.5 J	24.8 J	24.6 J	146 J
Antimony	ug/L	6	60.0 U	4.4 J	3.2 J	60.0 U	3.2 J	60.0 U					
Arsenic	ug/L	3	10.0 U	10.0 U	10.0 U	26.4	10.0 U						
Barium	ug/L	6,000	23.9 J	25.4 J	7.9 J	200 U	29.0 J	4.6 J	341	318	325	211	12.8 J
Beryllium	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U						
Cadmium	ug/L	4	0.57 J	0.69 J	5.0 U	5.0 U	0.62 J	5.0 U	5.0 U				
Calcium	ug/L	NS	47700	33500	8660	13800	74200	3110 J	186000	171000	53300	58000	5580
Chromium	ug/L	70	10.0 U	10.0 U	0.72 J	1.8 J	10.0 U	10.0 U	0.74 J	1.0 J	0.53 J	0.96 J	1.4 J
Cobalt	ug/L	100	50.0 U	0.80 J	50.0 U	50.0 U	50.0 U	0.81 J	50.0 U	50.0 U	1.0 J	2.2 J	50.0 U
Copper	ug/L	1,300	25.0 U	1.4 J	2.7 J	2.1 J	25.0 U	25.0 U	18.4 J				
Cyanide	ug/L	100	10.0 U	3.4 J	2.2 J	10.0 U	10.0 U	10.0 U	11.2	17.1	3.3 J	4.1 J	10.0 U
Iron	ug/L	300	2020	807	100 U	100 U	100 U	43.3 J	9450	8650	22500	33600	52.4 J
Lead	ug/L	5	10.0 U	3.1 J	3.1 J	10.0 U	10.0 U	10.0 U					
Magnesium	ug/L	NS	22800	27100	4330 J	5740	2940 J	711 J	14300	13200	4760 J	22300	3670 J
Manganese	ug/L	50	390	527	15.0 U	1.1 J	15.0 U	34.7	274	254	597	997	6.5 J
Mercury	ug/L	2	0.068 J	0.10 J	0.087 J	0.10 J	0.14 J	0.10 J	0.11 J	0.085 J	0.098 J	0.073 J	0.11 J
Nickel	ug/L	100	1.6 J	2.1 J	1.4 J	1.4 J	40.0 U	40.0 U	6.0 J	4.7 J	3.5 J	1.6 J	1.4 J
Potassium	ug/L	NS	576 J	645 J	356 J	421 J	4260 J	121 J	9240	8550	2710 J	5750	302 J
Selenium	ug/L	40	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U						
Silver	ug/L	40	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U						
Sodium	ug/L	50,000	49100	15700	6350	10700	3940 J	2360 J	13700	12600	4970 J	60600	9310
Thallium	ug/L	2	25.0 U	25.0 U	25.0 U	25.0 U	2.1 J	25.0 U	2.7 J	4 J	25.0 U	25.0 U	25.0

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-MW-5 (121014) 20025897 12/10/2014 MW-5 Result Q	GW-MW-6 (121114) 20025897 12/11/2014 MW-6 Result Q	GW-MW-7 (120414) 20025837 12/09/2014 MW-7 Result Q	GW-MW-8 (120914) 20025837 12/09/2014 MW-8 Result Q	GW-MW-9 (120914) 20025897 12/09/2014 MW-9 Result Q	GW-MW-10 (121114) 20025897 12/11/2014 MW-10 Result Q	TB (120814) 20025837 12/08/2014 Result Q	GW-FB-1-121114 20025897 12/11/2014 Result Q
Volatile Organic Compounds										
1,1,1-Trichloroethane	ug/L	30	5.0 U	14 U	5.0 U	5.0 U				
1,1,2,2-Tetrachloroethane	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	NS	5.0 U	14 U	5.0 U	5.0 U				
1,1,2-Trichloroethane	ug/L	3	5.0 U	14 U	5.0 U	5.0 U				
1,1-Dichloroethane	ug/L	50	5.0 U	14 U	5.0 U	5.0 U				
1,1-Dichloroethene	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
1,2,3-Trichlorobenzene	ug/L	NS	0.28 JB	5.0 U	0.035 JB	5.0 U	5.0 U	0.82 JB	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	9	0.24 JB	0.091 JB	0.046 JB	5.0 U	5.0 U	0.76 JB	5.0 U	0.064 JB
1,2-Dibromo-3-chloropropane	ug/L	0.02	5.0 U	14 U	5.0 U	5.0 U				
1,2-Dibromoethane	ug/L	0.03	5.0 U	14 U	5.0 U	5.0 U				
1,2-Dichlorobenzene	ug/L	600	5.0 U	14 U	5.0 U	5.0 U				
1,2-Dichloroethane	ug/L	2	5.0 U	14 U	5.0 U	5.0 U				
1,2-Dichloropropane	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
1,3-Dichlorobenzene	ug/L	600	5.0 U	5.0 U	5.0 U	0.032 JB	0.030 JB	0.40 JB	0.024 JB	5.0 U
1,4-Dichlorobenzene	ug/L	75	5.0 U	1.4 JB	5.0 U	5.0 U	5.0 U	14 U	5.0 U	5.0 U
1,4-Dioxane	ug/L	10	100 U	280 U	100 U	100 U				
2-Butanone	ug/L	300	10 U	28 U	10 U	10 U				
2-Hexanone	ug/L	300	10 U	28 U	10 U	10 U				
4-Methyl-2-pentanone	ug/L	NS	10 U	28 U	10 U	10 U				
Acetone	ug/L	6,000	10 U	28 U	10 U	2.7 J				
Benzene	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Bromochloromethane	ug/L	NS	5.0 U	14 U	5.0 U	5.0 U				
Bromodichloromethane	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Bromoform	ug/L	4	5.0 U	14 U	5.0 U	5.0 U				
Bromomethane	ug/L	10	5.0 U	14 U	5.0 U	5.0 U				
Carbon Disulfide	ug/L	700	5.0 U	5.0 U	0.16 JB	0.14 JB	0.17 JB	0.77 JB	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Chlorobenzene	ug/L	50	5.0 U	5.0 U	4.9 J	5.0 U	5.0 U	14 U	5.0 U	5.0 U
Chloroethane	ug/L	5	5.0 U	14 U	5.0 U	5.0 U				
Chloroform	ug/L	70	5.0 U	14 U	5.0 U	5.0 U				
Chloromethane	ug/L	NS	5.0 U	14 U	5.0 U	5.0 U				
cis-1,2-Dichloroethene	ug/L	70	5.0 U	14 U	5.0 U	5.0 U				
cis-1,3-Dichloropropene	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Cyclohexane	ug/L	NS	5.0 U	14 U	5.0 U	5.0 U				
Dibromochloromethane	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Dichlorodifluoromethane	ug/L	1,000	5.0 U	0.34 J	5.0 U	0.25 J	5.0 U	380	5.0 U	5.0 U
Ethylbenzene	ug/L	700	5.0 U	14 U	5.0 U	5.0 U				
Isopropylbenzene	ug/L	700	5.0 U	14 U	5.0 U	5.0 U				
m,p-Xylene	ug/L	1,000	5.0 U	14 U	5.0 U	5.0 U				
Methyl Acetate	ug/L	7,000	5.0 U	14 U	5.0 U	5.0 U				
Methyl tert-Butyl Ether	ug/L	70	5.0 U	1.6 J	5.0 U	5.0 U	5.0 U	14 U	5.0 U	5.0 U
Methylcyclohexane	ug/L	NS	5.0 U	14 U	5.0 U	5.0 U				
Methylene Chloride	ug/L	3	5.0 U	5.0 U	0.97 JB	1.1 JB	1.0 JB	14 U	1.1 JB	5.0 U
o-Xylene	ug/L	1,000	5.0 U	14 U	5.0 U	5.0 U				
Styrene	ug/L	100	5.0 U	14 U	5.0 U	5.0 U				
Tetrachloroethene	ug/L	0.4	5.0 U	14 U	5.0 U	5.0 U				
Toluene	ug/L	600	5.0 U	5.0 U	0.11 JB	0.065 JB	5.0 U	14 U	5.0 U	5.0 U
Total Xylenes	ug/L	1,000	5.0 U	14 U	5.0 U	5.0 U				
trans-1,2-Dichloroethene	ug/L	100	5.0 U	14 U	5.0 U	5.0 U				
trans-1,3-Dichloropropene	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Trichloroethene	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Trichlorofluoromethane	ug/L	2,000	5.0 U	5.0 U	0.40 J	5.0 U	5.0 U	200	5.0 U	5.0 U
Vinyl Chloride	ug/L	1	5.0 U	14 U	5.0 U	5.0 U				
Total Conc.	ug/L	NS	0.52	3.431	6.621	1.587	1.2	582.75	1.124	2.764
Total Estimated Conc. (TICs)	ug/L	NS	63.0	70.0	61.0	61.0	60.0	366.0	59.0	59.0

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-MW-5 (121014) 20025897 12/10/2014 MW-5 Result Q	GW-MW-6 (121114) 20025897 12/11/2014 MW-6 Result Q	GW-MW-7 (120414) 20025837 12/09/2014 MW-7 Result Q	GW-MW-8 (120914) 20025837 12/09/2014 MW-8 Result Q	GW-MW-9 (120914) 20025897 12/09/2014 MW-9 Result Q	GW-MW-10 (121114) 20025897 12/11/2014 MW-10 Result Q	TB (120814) 20025837 12/08/2014 Result Q	GW-FB-1-121114 20025897 12/11/2014 Result Q
Semivolatile Organic Compounds										
1,1-Biphenyl	ug/L	400	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
1,2,4,5-Tetrachlorobenzene	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,2'-Oxybis(1-Chloropropane)	ug/L	300	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,3,4,6-Tetrachlorophenol	ug/L	200	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,4,5-Trichlorophenol	ug/L	700	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,4,6-Trichlorophenol	ug/L	20	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,4-Dichlorophenol	ug/L	20	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,4-Dimethylphenol	ug/L	100	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,4-Dinitrophenol	ug/L	40	11 U	NA	10 U					
2,4-Dinitrotoluene	ug/L	10	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2,6-Dinitrotoluene	ug/L	10	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2-Chloronaphthalene	ug/L	600	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2-Chlorophenol	ug/L	40	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2-Methylphenol	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
2-Nitroaniline	ug/L	NS	11 U	NA	10 U					
2-Nitrophenol	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
3,3'-Dichlorobenzidine	ug/L	30	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
3-Nitroaniline	ug/L	NS	11 U	NA	10 U					
4,6-Dinitro-2-methylphenol	ug/L	1	11 U	NA	10 U					
4-Bromophenylphenyl Ether	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
4-Chloro-3-methylphenol	ug/L	100	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
4-Chloroaniline	ug/L	30	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
4-Chlorophenylphenyl ether	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
4-Methylphenol	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
4-Nitroaniline	ug/L	NS	11 U	NA	10 U					
4-Nitrophenol	ug/L	NS	11 U	NA	10 U					
Acetophenone	ug/L	700	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Atrazine	ug/L	3	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Benzaldehyde	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Bis(2-Chloroethoxy) Methane	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Bis(2-Chloroethyl) Ether	ug/L	7	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Bis(2-ethyl hexyl) phthalate	ug/L	3	0.22 J	5.4 U	0.78 JB	5.5 U	5.3 U	5.5 U	NA	5.2 U
Butylbenzylphthalate	ug/L	100	5.6 U	5.4 U	0.29 JB	5.5 U	5.3 U	5.5 U	NA	5.2 U
Caprolactam	ug/L	5,000	8.5	18	9.4	28	5.3 U	26	NA	5.2 U
Carbazole	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Dibenzofuran	ug/L	NS	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Diethyl phthalate	ug/L	6,000	5.6 U	0.39 J	0.45 JB	5.5 U	5.3 U	5.5 U	NA	0.33 J
Dimethyl phthalate	ug/L	100	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Di-n-butyl phthalate	ug/L	700	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Di-n-octyl phthalate	ug/L	100	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Hexachlorobenzene	ug/L	0.02	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Hexachlorobutadiene	ug/L	1	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Hexachlorocyclopentadiene	ug/L	40	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Hexachloroethane	ug/L	7	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Isophorone	ug/L	40	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Nitrobenzene	ug/L	6	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
N-Nitroso-di-n-propylamine	ug/L	10	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
N-Nitrosodiphenylamine	ug/L	10	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Phenol	ug/L	2,000	5.6 U	5.4 U	5.6 U	5.5 U	5.3 U	5.5 U	NA	5.2 U
Total Conc	ug/L	NS	NA	18.39	10.92	28.0	0.0	26.0	NA	0.33
Total Estimated Conc. (TICs)	ug/L	NS	205.2	400.7	52.2	0.0*T	0.0*T	293.9	NA	248.5

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-MW-5 (121014) 20025897 12/10/2014 MW-5 Result Q	GW-MW-6 (121114) 20025897 12/11/2014 MW-6 Result Q	GW-MW-7 (120414) 20025837 12/09/2014 MW-7 Result Q	GW-MW-8 (120914) 20025837 12/09/2014 MW-8 Result Q	GW-MW-9 (120914) 20025897 12/09/2014 MW-9 Result Q	GW-MW-10 (121114) 20025897 12/11/2014 MW-10 Result Q	TB (120814) 20025837 12/08/2014 Result Q	GW-FB-1-121114 20025897 12/11/2014 Result Q
SVOCs SIM										
2-Methylaphthalene	ug/L	30	0.11 U	0.27 B	0.010 J	0.11 U	0.11 U	0.0070 J B	NA	0.0042 J B
Acenaphthene	ug/L	400	0.0043 J B	0.17 B	0.076 J	0.11 U	0.11 U	0.0099 J B	NA	0.0035 J B
Acenaphthylene	ug/L	100	0.11 U	NA	0.10 U					
Anthracene	ug/L	2,000	0.0039 J B	0.012 J B	0.0072 J	0.11 U	0.11 U	0.0053 J B	NA	0.0027 J B
Benzo(a)anthracene	ug/L	0.1	0.0040 J B	0.0056 J B	0.0035 J	0.11 U	0.11 U	0.11 U	NA	0.0030 J B
Benzo(a)pyrene	ug/L	0.1	0.11 U	NA	0.10 U					
Benzo(b)fluoranthene	ug/L	0.05	0.11 U	0.11 U	0.0038 J	0.11 U	0.11 U	0.0055 J	NA	0.10 U
Benzo(g,h,i)perylene	ug/L	100	0.11 U	0.0045 J	NA	0.10 U				
Benzo(k)fluoranthene	ug/L	0.5	0.11 U	0.0055 J	NA	0.10 U				
Chrysene	ug/L	5	0.0029 J	0.0066 J	0.0051 J	0.11 U	0.11 U	0.11 U	NA	0.0023 J
Dibenz(a,h)anthracene	ug/L	0.3	0.11 U	NA	0.10 U					
Fluoranthene	ug/L	300	0.0071 J B	0.031 J B	0.0099 J	0.11 U	0.11 U	0.11 U	NA	0.0057 J B
Fluorene	ug/L	300	0.0047 J B	0.11 B	0.053 J	0.11 U	0.11 U	0.11 U	NA	0.0038 J B
Indeno(1,2,3-cd)pyrene	ug/L	0.2	0.11 U	0.0041 J	NA	0.10 U				
Naphthalene	ug/L	300	0.011 J B	0.049 J B	0.032 J	0.0034 J	0.0039 J	0.010 J B	NA	0.010 J B
Pentachlorophenol	ug/L	0.3	0.23 U	0.22 U	0.23 U	0.22 U	0.21 U	0.22 U	NA	0.21 U
Phenanthrene	ug/L	100	0.015 J B	0.16 B	0.018 J	0.11 U	0.0039 J	0.0062 J B	NA	0.012 J B
Pyrene	ug/L	200	0.0069 J B	0.030 J B	0.0063 J	0.11 U	0.11 U	0.0040 J B	NA	0.0048 J B
Total Conc	ug/L	NS	0.0598	0.8442	0.2248	0.0034	0.0078	0.062	NA	0.052
Polychlorinated Biphenyls										
Aroclor-1016	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1221	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1232	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1242	ug/L	0.5	1.1 U	1.1 U	0.49 J	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1248	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1254	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1260	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1262	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Aroclor-1268	ug/L	0.5	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.0 U	NA	1.0 U
Total PCBs	ug/L	0.5	1.1 U	1.1 U	0.49 J	1.2 U	1.2 U	1.0 U	NA	1.0 U
Pesticides										
2,4'-DDD	ug/L	0.1	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
2,4'-DDE	ug/L	0.1	0.11 U	0.0021 J P	0.0026 J P	0.12 U	0.12 U	0.10 U	NA	0.10 U
2,4'-DDT	ug/L	0.1	0.11 U	0.0017 J P	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
4,4'-DDD	ug/L	0.1	0.11 U	0.0020 J	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
4,4'-DDE	ug/L	0.1	0.11 U	0.0022 J	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
4,4'-DDT	ug/L	0.1	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Aldrin	ug/L	0.04	0.054 U	0.0036 J P	0.0026 J P	0.060 U	0.058 U	0.051 U	NA	0.051 U
alpha-BHC	ug/L	0.02	0.054 U	0.0014 J P	0.056 U	0.060 U	0.058 U	0.051 U	NA	0.051 U
alpha-Chlordane	ug/L	0.5	0.054 U	0.0011 J P	0.056 U	0.060 U	0.058 U	0.051 U	NA	0.051 U
beta-BHC	ug/L	0.04	0.0018 J P B	0.010 J P B	0.056 U	0.060 U	0.0016 J P	0.051 U	NA	0.0018 J B
delta-BHC	ug/L	0.03	0.054 U	0.0027 J P	0.0017 J P	0.060 U	0.058 U	0.051 U	NA	0.051 U
Dieldrin	ug/L	0.03	0.11 U	0.0015 J P	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Endosulfan I	ug/L	40	0.054 U	0.0021 J P	0.056 U	0.060 U	0.058 U	0.051 U	NA	0.051 U
Endosulfan II	ug/L	40	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Endosulfan sulfate	ug/L	40	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Endrin	ug/L	2	0.11 U	0.0038 J	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Endrin aldehyde	ug/L	NS	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
Endrin ketone	ug/L	NS	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U	NA	0.10 U
gamma-BHC (Lindane)	ug/L	0.03	0.054 U	0.053 U	0.0012 J P	0.060 U	0.058 U	0.0010 J P	NA	0.051 U
gamma-Chlordane	ug/L	0.5	0.054 U	0.0012 J P	0.056 U	0.060 U	0.058 U	0.051 U	NA	0.051 U
Heptachlor	ug/L	0.05	0.0014 J P B	0.0051 J B	0.0017 J P B	0.0023 J B	0.0019 J P B	0.051 U	NA	0.0021 J P B
Heptachlor epoxide	ug/L	0.2	0.054 U	0.053 U	0.056 U	0.060 U	0.058 U	0.051 U	NA	0.051 U
Methoxychlor	ug/L	40	0.54 U	0.53 U	0.56 U	0.60 U	0.58 U	0.51 U	NA	0.51 U
Toxaphene	ug/L	2	5.4 U	5.3 U	5.6 U	6.0 U	5.8 U	5.1 U	NA	5.1 U

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-MW-5 (121014) 20025897 12/10/2014 MW-5 Result Q	GW-MW-6 (121114) 20025897 12/11/2014 MW-6 Result Q	GW-MW-7 (120414) 20025837 12/09/2014 MW-7 Result Q	GW-MW-8 (120914) 20025837 12/09/2014 MW-8 Result Q	GW-MW-9 (120914) 20025897 12/09/2014 MW-9 Result Q	GW-MW-10 (121114) 20025897 12/11/2014 MW-10 Result Q	TB (120814) 20025837 12/08/2014 Result Q	GW-FB-1-121114 20025897 12/11/2014 Result Q
Inorganics (total)										
Aluminum	ug/L	200	56.6 J	50.3 J	646	172 J	44.3 J	52.8 J	NA	200 U
Antimony	ug/L	6	60.0 U	60.0 U	13.5 J	60.0 U	60.0 U	3.7 J	NA	60.0 U
Arsenic	ug/L	3	10.0 U	9.7 J	NA	10.0 U				
Barium	ug/L	6,000	16.6 J	777	343	17.6 J	31.3 J	277	NA	200 U
Beryllium	ug/L	1	5.0 U	NA	5.0 U					
Cadmium	ug/L	4	5.0 U	5.0 U	97.6	5.0 U	0.37 J	0.53 J	NA	5.0 U
Calcium	ug/L	NS	5650	126000	101000	14000	35300	92500	NA	5000 U
Chromium	ug/L	70	0.57 J	10.0 U	6.0 J	0.71 J	0.59 J	10.0 U	NA	10.0 U
Cobalt	ug/L	100	50.0 U	50.0 U	8.8 J	50.0 U	50.0 U	0.95 J	NA	50.0 U
Copper	ug/L	1,300	25.0 U	25.0 U	845	1.5 J	10.6 J	25.0 U	NA	25.0 U
Cyanide	ug/L	100	10.0 U	4.4 J	4.3 J	2.1 J	3.2 J	3.4 J	NA	10.0 U
Iron	ug/L	300	168	27500	13300	285	82.6 J	20200	NA	100 U
Lead	ug/L	5	10.0 U	3.0 J	45.5	10.0 U	10.0 U	10.0 U	NA	10.0 U
Magnesium	ug/L	NS	3010 J	13300	8450	7460	10600	29000	NA	5000 U
Manganese	ug/L	50	13.1 J	102	189	124	244	1850	NA	15.0 U
Mercury	ug/L	2	0.086 J	0.093 J	0.95	0.11 J	0.10 J	0.11 J	NA	0.083 J
Nickel	ug/L	100	1.3 J	1.5 J	72.4	40.0 U	4.1 J	4.2 J	NA	40.0 U
Potassium	ug/L	NS	966 J	11900	4040 J	541 J	3690 J	9890	NA	5000 U
Selenium	ug/L	40	35.0 U	NA	35.0 U					
Silver	ug/L	40	10.0 U	10.0 U	9.4 J	10.0 U	10.0 U	1.3 J	NA	10.0 U
Sodium	ug/L	50,000	4360 J	11600	6160	5680	5340	23000	NA	5000 U
Thallium	ug/L	2	25.0 U	2.8 J	2.5 J	25.0 U	25.0 U	25.0 U	NA	25.0 U
Vanadium	ug/L	60	50.0 U	NA	50.0 U					
Zinc	ug/L	2,000	7.4 J	11.6 J	3690	5.3 J	38.2 J	60.0 U	NA	60.0 U
Inorganics (dissolved)										
Aluminum	ug/L	200	31.1 J	22.8 J	62.4 J	23.3 J	25.4 J	29.3 J	NA	200 U
Antimony	ug/L	6	60.0 U	NA	60.0 U					
Arsenic	ug/L	3	10.0 U	9.4 J	NA	10.0 U				
Barium	ug/L	6,000	15.5 J	714	355	18.9 J	32.5 J	284	NA	107 J
Beryllium	ug/L	1	5.0 U	NA	5.0 U					
Cadmium	ug/L	4	5.0 U	5.0 U	5.0 U	0.42 J	5.0 U	0.62 J	NA	5.0 U
Calcium	ug/L	NS	5740	116000	109000	15000	37400	96900	NA	17000
Chromium	ug/L	70	0.72 J	10.0 U	10.0 U	10.0 U	0.76 J	11.5	NA	10.0 U
Cobalt	ug/L	100	50.0 U	50.0 U	1.0 J	50.0 U	50.0 U	1.2 J	NA	50.0 U
Copper	ug/L	1,300	25.0 U	25.0 U	6.1 J	1.7 J	13.2 J	25.0 U	NA	25.0 U
Cyanide	ug/L	100	10.0 U	2.8 J	3.7 J	10.0 U	3.1 J	3.3 J	NA	4.1 J
Iron	ug/L	300	100 U	24500	9840	116	100 U	19600	NA	7180
Lead	ug/L	5	10.0 U	NA	10.0 U					
Magnesium	ug/L	NS	3070 J	12300	9240	8080	11200	30400	NA	1530 J
Manganese	ug/L	50	12.8 J	91.4	192	134	244	1920	NA	190
Mercury	ug/L	2	0.10 J	0.12 J	0.097 J	0.096 J	0.11 J	0.080 J	NA	0.096 J
Nickel	ug/L	100	1.5 J	40.0 U	12.2 J	1.8 J	4.8 J	4.1 J	NA	40.0 U
Potassium	ug/L	NS	845 J	10900	4430 J	495 J	3770 J	10400	NA	879 J
Selenium	ug/L	40	35.0 U	NA	35.0 U					
Silver	ug/L	40	10.0 U	NA	10.0 U					
Sodium	ug/L	50,000	4450 J	10800	6670	6020	5610	24200	NA	1570 J
Thallium	ug/L	2	25.0 U	NA	3.0 J					
Vanadium	ug/L	60	50.0 U	NA	50.0 U					
Zinc	ug/L	2,000	8.4 J	60.0 U	151	6.1 J	41.7 J	60.0 U	NA	60.0 U

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-TWP-1 (120214) 20025787 12/02/2014 TWP-1 Result Q	GW-TWP-2(120514) 20025787 12/05/2014 TWP-2 Result Q	GW-TWP-3 (120314) 20025787 12/03/2014 TWP-3 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Second. Q	GW-TWP-5 (120314) 20025787 12/03/2014 TWP-5 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Second. Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Result Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Second. Q
Volatile Organic Compounds												
1,1,1-Trichloroethane	ug/L	30	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,1,2,2-Tetrachloroethane	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	NS	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,1,2-Trichloroethane	ug/L	3	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,1-Dichloroethane	ug/L	50	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,1-Dichloroethene	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,2,3-Trichlorobenzene	ug/L	NS	9.0 JB	1.6 JB	0.71 JB	0.35 JB	NA	5.0 U	5.0 U	NA	0.21 JB	NA
1,2,4-Trichlorobenzene	ug/L	9	8.2 JB	1.8 JB	0.62 JB	0.34 JB	NA	5.0 U	5.0 U	NA	0.17 JB	NA
1,2-Dibromo-3-chloropropane	ug/L	0.02	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,2-Dibromoethane	ug/L	0.03	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,2-Dichlorobenzene	ug/L	600	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,2-Dichloroethane	ug/L	2	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,2-Dichloropropane	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,3-Dichlorobenzene	ug/L	600	4.0 JB	1.0 JB	0.31 JB	0.17 JB	NA	5.0 U	5.0 U	NA	0.088 JB	NA
1,4-Dichlorobenzene	ug/L	75	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
1,4-Dioxane	ug/L	10	2800 U	1400 U	300 U	170 U	NA	100 U	100 U	NA	89 J	NA
2-Butanone	ug/L	300	280 U	140 U	30 U	17 U	NA	10 U	10 U	NA	10 U	NA
2-Hexanone	ug/L	300	280 U	140 U	30 U	17 U	NA	10 U	10 U	NA	10 U	NA
4-Methyl-2-pentanone	ug/L	NS	280 U	140 U	30 U	17 U	NA	10 U	10 U	NA	10 U	NA
Acetone	ug/L	6,000	280 U	140 U	30 U	9.1 J	NA	3.1 J	10 U	NA	10 U	NA
Benzene	ug/L	1	140 U	70 U	15 U	8.5 U	NA	15	5.0 U	NA	16	NA
Bromochloromethane	ug/L	NS	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Bromodichloromethane	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Bromoform	ug/L	4	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Bromomethane	ug/L	10	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Carbon Disulfide	ug/L	700	11 JB	3.8 JB	0.68 JB	0.88 JB	NA	0.17 JB	0.29 JB	NA	0.29 JB	NA
Carbon Tetrachloride	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Chlorobenzene	ug/L	50	2.4 JB	0.73 J	0.16 JB	8.5 U	NA	5.0 U	5.0 U	NA	3.4 J	NA
Chloroethane	ug/L	5	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Chloroform	ug/L	70	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Chloromethane	ug/L	NS	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
cis-1,2-Dichloroethene	ug/L	70	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
cis-1,3-Dichloropropene	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Cyclohexane	ug/L	NS	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.8	NA
Dibromochloromethane	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Dichlorodifluoromethane	ug/L	1,000	1400 B	1600	350 B	73	NA	3.3 J	1.4 J	NA	0.40 J	NA
Ethylbenzene	ug/L	700	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Isopropylbenzene	ug/L	700	140 U	70 U	15 U	8.5 U	NA	0.27 J	0.19 J	NA	1.4 J	NA
m,p-Xylene	ug/L	1,000	140 U	70 U	15 U	8.5 U	NA	42	0.26 J	NA	0.66 J	NA
Methyl Acetate	ug/L	7,000	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Methyl tert-Butyl Ether	ug/L	70	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Methylcyclohexane	ug/L	NS	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Methylene Chloride	ug/L	3	31 JB	16 JB	3.2 JB	1.9 JB	NA	1.1 JB	1.1 JB	NA	0.93 JB	NA
o-Xylene	ug/L	1,000	140 U	70 U	15 U	8.5 U	NA	5.3	5.0 U	NA	0.40 J	NA
Styrene	ug/L	100	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Tetrachloroethene	ug/L	0.4	140 U	70 U	0.18 JB	0.088 JB	NA	5.0 U	5.0 U	NA	5.0 U	NA
Toluene	ug/L	600	1.5 JB	70 U	0.77 JB	0.26 JB	NA	0.37 JB	0.24 JB	NA	0.22 JB	NA
Total Xylenes	ug/L	1,000	140 U	70 U	15 U	8.5 U	NA	47.3	0.26 J	NA	1.06 J	NA
trans-1,2-Dichloroethene	ug/L	100	140 U	70 U	0.32 JB	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
trans-1,3-Dichloropropene	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Trichloroethene	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Trichlorofluoromethane	ug/L	2,000	270	1200	87	44	NA	0.48 JB	5.0 U	NA	0.12 J	NA
Vinyl Chloride	ug/L	1	140 U	70 U	15 U	8.5 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Total Conc	ug/L	NS	1737.1	2824.93	443.95	130.088	NA	71.09	3.48	NA	119.088	NA
Total Estimated Conc. (TICs)	ug/L	NS	3500.0	1040.0	450.0	229.0	NA	76.0	148.4	NA	302.6	NA

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-TWP-1 (120214) 20025787 12/02/2014 TWP-1 Result Q	GW-TWP-2(120514) 20025787 12/05/2014 TWP-2 Result Q	GW-TWP-3 (120314) 20025787 12/03/2014 TWP-3 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Second. Q	GW-TWP-5 (120314) 20025787 12/03/2014 TWP-5 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Second. Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Result Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Second. Q
Semivolatile Organic Compounds												
1,1-Biphenyl	ug/L	400	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
1,2,4,5-Tetrachlorobenzene	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,2'-Oxybis(1-Chloropropane)	ug/L	300	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,3,4,6-Tetrachlorophenol	ug/L	200	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,4,5-Trichlorophenol	ug/L	700	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,4,6 Trichlorophenol	ug/L	20	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,4-Dichlorophenol	ug/L	20	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,4-Dimethylphenol	ug/L	100	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	0.69 J	5.3 U	8.9 U	6.7 U	13 U
2,4-Dinitrophenol	ug/L	40	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
2,4-Dinitrotoluene	ug/L	10	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2,6-Dinitrotoluene	ug/L	10	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2-Chloronaphthalene	ug/L	600	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2-Chlorophenol	ug/L	40	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
2-Methylphenol	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	1.8 J	0.39 J	0.46 JD	1.4 J	0.96 JD
2-Nitroaniline	ug/L	NS	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
2-Nitrophenol	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
3,3'-Dichlorobenzidine	ug/L	30	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
3-Nitroaniline	ug/L	NS	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
4,6-Dinitro-2-methylphenol	ug/L	1	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
4-Bromophenylphenyl Ether	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
4-Chloro-3-methylphenol	ug/L	100	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
4-Chloroaniline	ug/L	30	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
4-Chlorophenylphenyl ether	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
4-Methylphenol	ug/L	NS	4.2 J	6.3 U	5.7 U	0.12 J	5.5 U	0.62 J	5.3 U	8.9 U	6.7 U	13 U
4-Nitroaniline	ug/L	NS	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
4-Nitrophenol	ug/L	NS	12 U	13 U	11 U	11 U	11 U	12 U	11 U	18 U	13 U	27 U
Acetophenone	ug/L	700	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Atrazine	ug/L	3	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Benzaldehyde	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	0.59 J	6.0 U	3.5 J	4.0 JD	6.7 U	13 U
Bis(2-Chloroethoxy) Methane	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Bis(2-Chloroethyl) Ether	ug/L	7	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	2.4 J	2.3 JD
Bis(2-ethyl hexyl) phthalate	ug/L	3	0.76 JB	6.3 U	4.5 JB	7.1 B	7.0 B	1.0 JB	5.3 U	8.9 U	0.50 JB	13 U
Butylbenzylphthalate	ug/L	100	0.50 JB	6.3 U	0.79 JB	0.59 JB	0.56 JB	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Caprolactam	ug/L	5,000	17	3.5 J	29	14	14	14	88 E	120 D	120 E	84 D
Carbazole	ug/L	NS	5.9 U	6.3 U	5.7 U	0.26 J	0.20 J	1.3 J	5.3 U	8.9 U	16	13 U
Dibenzofuran	ug/L	NS	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Diethyl phthalate	ug/L	6,000	0.77 JB	6.3 U	0.35 JB	5.5 U	0.60 JB	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Dimethyl phthalate	ug/L	100	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Di-n-butyl phthalate	ug/L	700	0.31 J	6.3 U	0.59 J	1.3 J	1.1 J	0.18 J	0.64 J	0.69 JD	6.7 U	13 U
Di-n-octyl phthalate	ug/L	100	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Hexachlorobenzene	ug/L	0.02	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Hexachlorobutadiene	ug/L	1	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Hexachlorocyclopentadiene	ug/L	40	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Hexachloroethane	ug/L	7	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Isophorone	ug/L	40	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Nitrobenzene	ug/L	6	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
N-Nitroso-di-n-propylamine	ug/L	10	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
N-Nitrosodiphenylamine	ug/L	10	5.9 U	6.3 U	5.7 U	5.5 U	5.5 U	6.0 U	5.3 U	8.9 U	6.7 U	13 U
Phenol	ug/L	2,000	1.2 J	6.3 U	5.7 U	5.5 U	5.5 U	0.91 J	0.48 J	8.9 U	6.7 U	13 U
Total Conc	ug/L	NS	24.74	3.5	35.23	23.37	NA	20.5	93.01	NA	140.3	NA
Total Estimated Conc. (TCs)	ug/L	NS	56.0	7.7	272.4	436.2	216.4	1570.8	1086.2	1658.8	1380.6	1540.0

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-TWP-1 (120214) 20025787 12/02/2014 TWP-1 Result Q	GW-TWP-2(120514) 20025787 12/05/2014 TWP-2 Result Q	GW-TWP-3 (120314) 20025787 12/03/2014 TWP-3 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Second. Q	GW-TWP-5 (120314) 20025787 12/03/2014 TWP-5 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Second. Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Result Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Second. Q
SVOCs SIM												
2-Methylnaphthalene	ug/L	30	0.024 J	0.081 J	0.052 J	0.078 J	NA	0.99 J	0.016 J	NA	0.035 J	NA
Acenaphthene	ug/L	400	0.021 J	0.021 J	0.015 J	0.045 J	NA	0.48 J	0.017 J	NA	0.35 J	NA
Acenaphthylene	ug/L	100	0.0075 J	0.12 U	0.036 J	0.060 J	NA	0.21 J	0.0064 J	NA	0.89 U	NA
Anthracene	ug/L	2,000	0.073 J	0.0076 J	0.13 J	0.25 J	NA	0.61 J	0.11 U	NA	0.93	NA
Benzo(a)anthracene	ug/L	0.1	0.25	0.029 J	0.97	1.4	NA	1.1 J	0.084 J	NA	1.8	NA
Benzo(a)pyrene	ug/L	0.1	0.33	0.033 J	1.1	1.7	NA	1.5	0.10 J	NA	1.7	NA
Benzo(b)fluoranthene	ug/L	0.05	0.35	0.046 J	1.1	1.7	NA	1.6	0.092 J	NA	1.6	NA
Benzo(g,h,i)perylene	ug/L	100	0.15	0.026 J	0.62	0.76	NA	1.1 J	0.037 J	NA	0.80 J	NA
Benzo(k)fluoranthene	ug/L	0.5	0.29	0.026 J	0.93	1.5	NA	1.5	0.084 J	NA	1.4	NA
Chrysene	ug/L	5	0.30	0.034 J	1.1	1.5	NA	2.2	0.082 J	NA	1.7	NA
Dibenz(a,h)anthracene	ug/L	0.3	0.054 J	0.0097 J	0.23 J	0.32	NA	0.31 J	0.016 J	NA	0.35 J	NA
Fluoranthene	ug/L	300	0.89	0.054 J	2.2	2.7	NA	7.5	0.17	NA	6.7	NA
Fluoren	ug/L	300	0.017 J	0.028 J	0.017 J	0.048 J	NA	0.56 J	0.011 J	NA	0.19 J	NA
Indeno(1,2,3-cd)pyrene	ug/L	0.2	0.16	0.020 J	0.59	0.87	NA	1.0 J	0.042 J	NA	0.90	NA
Naphthalene	ug/L	300	0.041 J B	0.27	0.066 J B	0.43	NA	8.3 B	0.031 J B	NA	0.12 J	NA
Pentachlorophenol	ug/L	0.3	0.069 J	0.22 J	0.21 J	0.17 J	NA	0.32 J	0.21 U	NA	1.8 U	NA
Phenanthrene	ug/L	100	0.49	0.030 J	0.69	1.4	NA	7.4	0.061 J	NA	3.8	NA
Pyrene	ug/L	200	0.47	0.049 J	1.5	1.9	NA	4.6	0.18	NA	2.9	NA
Total Conc	ug/L	NS	3.9865	0.9843	11.556	16.831	NA	41.28	1.0294	NA	25.275	NA
Polychlorinated Biphenyls												
Aroclor-1016	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1221	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1232	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1242	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1248	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1254	ug/L	0.5	1.1 U	0.37 J	0.65 J	0.99 J	NA	1.2 U	0.10 J	NA	1.1 U	NA
Aroclor-1260	ug/L	0.5	1.1 U	0.095 J	0.15 J P	0.13 J	NA	1.2 U	0.063 J	NA	1.1 U	NA
Aroclor-1262	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Aroclor-1268	ug/L	0.5	1.1 U	1.2 U	1.1 U	1.1 U	NA	1.2 U	1.1 U	NA	1.1 U	NA
Total PCBs	ug/L	0.5	1.1 U	0.47 J	0.80 J P	1.12 J	NA	1.2 U	0.16 J	NA	1.1 U	NA
Pesticides												
2,4'-DDD	ug/L	0.1	0.11 U	0.0028 J P	0.014 J	0.011 J	NA	0.0033 J	0.11 U	NA	0.0052 J P	NA
2,4'-DDE	ug/L	0.1	0.11 U	0.011 J P	0.016 J P	0.021 J P	NA	0.0012 J P	0.11 U	NA	0.0044 J P	NA
2,4'-DDT	ug/L	0.1	0.11 U	0.0016 J P	0.0043 J P	0.022 J	NA	0.12 U	0.11 U	NA	0.0014 J P	NA
4,4'-DDD	ug/L	0.1	0.11 U	0.0044 J P	0.014 J P	0.018 J	NA	0.011 J	0.11 U	NA	0.0023 J P	NA
4,4'-DDE	ug/L	0.1	0.11 U	0.010 J	0.013 J P	0.071 J	NA	0.0020 J P	0.014 J	NA	0.0019 J P	NA
4,4'-DDT	ug/L	0.1	0.11 U	0.017 J P	0.016 J P	0.13	NA	0.12 U	0.11 U	NA	0.0029 J	NA
Aldrin	ug/L	0.04	0.055 U	0.061 U	0.0014 J P	0.054 U	NA	0.060 U	0.0022 J P	NA	0.055 U	NA
alpha-BHC	ug/L	0.02	0.0013 J P	0.061 U	0.053 U	0.054 U	NA	0.060 U	0.0011 J P	NA	0.0028 J P	NA
alpha-Chlordane	ug/L	0.5	0.0039 J	0.015 J	0.12 P	0.12	NA	0.0029 J P	0.0022 J P	NA	0.0021 J P	NA
beta-BHC	ug/L	0.04	0.0027 J P	0.0018 J P	0.0015 J P	0.0014 J P	NA	0.060 U	0.0024 J P	NA	0.013 J P	NA
delta-BHC	ug/L	0.03	0.055 U	0.061 U	0.053 U	0.054 U	NA	0.060 U	0.0013 J P	NA	0.0066 J P	NA
Dieldrin	ug/L	0.03	0.11 U	0.078 J	0.087 J	0.0084 J P	NA	0.0015 J	0.0013 J P	NA	0.0012 J P	NA
Endosulfan I	ug/L	40	0.0012 J P	0.0019 J P	0.0088 J	0.0073 J P	NA	0.060 U	0.055 U	NA	0.0015 J P	NA
Endosulfan II	ug/L	40	0.11 U	0.12 U	0.11 U	0.11 U	NA	0.12 U	0.11 U	NA	0.0020 J P	NA
Endosulfan sulfate	ug/L	40	0.11 U	0.0039 J P	0.11 U	0.11 U	NA	0.12 U	0.0014 J P	NA	0.0068 J P	NA
Endrin	ug/L	2	0.11 U	0.0020 J	0.11 U	0.11 U	NA	0.12 U	0.11 U	NA	0.0016 J P	NA
Endrin aldehyde	ug/L	NS	0.11 U	0.0028 J P	0.0052 J P	0.0065 J P	NA	0.12 U	0.0024 J P	NA	0.0061 J P	NA
Endrin ketone	ug/L	NS	0.11 U	0.0022 J P	0.11 U	0.11 U	NA	0.12 U	0.11 U	NA	0.0016 J	NA
gamma-BHC (Lindane)	ug/L	0.03	0.055 U	0.061 U	0.053 U	0.054 U	NA	0.060 U	0.055 U	NA	0.0015 J P	NA
gamma-Chlordane	ug/L	0.5	0.0023 J P	0.012 J P	0.098	0.093	NA	0.0025 J	0.055 U	NA	0.0046 J P	NA
Heptachlor	ug/L	0.05	0.055 U	0.061 U	0.0021 J B	0.054 U						

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	Units	NJ GWQC ug/L	GW-TWP-1 (120214) 20025787 12/02/2014 TWP-1 Result Q	GW-TWP-2(120514) 20025787 12/05/2014 TWP-2 Result Q	GW-TWP-3 (120314) 20025787 12/03/2014 TWP-3 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Result Q	GW-TWP-4(120514) 20025787 12/05/2014 TWP-4 Second. Q	GW-TWP-5 (120314) 20025787 12/03/2014 TWP-5 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Result Q	GW-TWP-6 (120314) 20025787 12/03/2014 TWP-6 Second. Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Result Q	GW-TWP-7(120414) 20025787 12/04/2014 TWP-7 Second. Q
Inorganics (total)												
Aluminum	ug/L	200	15800 E	53100 E	10100 E	22900 E	NA	14100 E	29.3 J E	NA	18700 E	NA
Antimony	ug/L	6	60.0 U N	60.0 U N	4.7 J N	5.5 J N	NA	5.2 J N	60.0 U N	NA	60.0 U N	NA
Arsenic	ug/L	3	8.8 J N	12.1 N	10.0 U N	4.3 J N	NA	10.0 U N	16.9 N	NA	11.4 N	NA
Barium	ug/L	6,000	491 E N	1620 E N	406 E N	2190 E N	NA	1520 E N	85.1 J E N	NA	1060 E N	NA
Beryllium	ug/L	1	3.5 J	17.6	2.6 J	5.8	NA	2.3 J	5.0 U	NA	5.9	NA
Cadmium	ug/L	4	3.4 J E	50.9 E	8.6 E	195 E	NA	0.96 J E	14.9 E	NA	7.3 E	NA
Calcium	ug/L	NS	82800 E	151000 E	72600 E	352000 E	NA	111000 E	17400 E	NA	56500 E	NA
Chromium	ug/L	70	29.7 E N	112 E N	21.2 E N	53.5 E N	NA	20.9 E N	59.5 E N	NA	50.6 E N	NA
Cobalt	ug/L	100	8.3 J E N	65.0 E N	12.2 J E N	146 E N	NA	41.6 J E N	58.9 E N	NA	71.2 E N	NA
Copper	ug/L	1,300	404 E N	368 E N	418 E N	3210 E N	NA	14.3 J E N	544 E N	NA	352 E N	NA
Cyanide	ug/L	100	10.6	80.1	93.2	682	NA	641	60.8	NA	10.0 U	NA
Iron	ug/L	300	33300 E	123000 E	31200 E	30600 E	NA	605000 E	98000 E	NA	53600 E	NA
Lead	ug/L	5	264	1530	1220	3440	NA	46.8	1310	NA	307	NA
Magnesium	ug/L	NS	12200 E	19400 E	11000 E	24200 E	NA	6790 E	3840 J E	NA	22400 E	NA
Manganese	ug/L	50	1700 E	7790 E	1230 E	22500 E	NA	5050 E	2550 E	NA	8570 E	NA
Mercury	ug/L	2	0.20 U N	0.36 N	0.20 U N	0.15 J N	NA	8.6 N	0.20 U N	NA	0.37 N	NA
Nickel	ug/L	100	23.4 J E	427 E	85.1 E	858 E	NA	167 E	67.8 E	NA	111 E	NA
Potassium	ug/L	NS	9820 E	10500 E	5890 E	8070 E	NA	7730 E	16000 E	NA	2600 J E	NA
Selenium	ug/L	40	35.0 U N	35.0 U N	35.0 U N	35.0 U N	NA	35.0 U N	35.0 U N	NA	35.0 U N	NA
Silver	ug/L	40	10.0 U N	10.0 U N	10.0 U N	1.5 J N	NA	10.0 U N	10.0 U N	NA	10.0 U N	NA
Sodium	ug/L	50,000	6240 E	5300 E	4650 J E	8940 E	NA	5030 E	4440 J E	NA	37700 E	NA
Thallium	ug/L	2	2.3 J	6.0 J	25.0 U	12.6 J	NA	9.0 J	25.0 U	NA	25.0 U	NA
Vanadium	ug/L	60	165 E N	595 E N	107 E N	75.5 E N	NA	180 E N	319 E N	NA	132 E N	NA
Zinc	ug/L	2,000	794 E	5680 E	3100 E	35600 E	NA	1640 E	1480 E	NA	694 E	NA
Inorganics (dissolved)												
Aluminum	ug/L	200	62.0 J E	57.7 J E	33.0 J E	36.1 J E	NA	48.3 J E	200 U E	NA	200 U E	NA
Antimony	ug/L	6	60.0 U N	60.0 U N	60.0 U N	60.0 U N	NA	60.0 U N	3.4 J N	NA	60.0 U N	NA
Arsenic	ug/L	3	5.1 J N	10.0 U N	10.0 U N	10.0 U N	NA	10.0 U N	7.4 J N	NA	6.5 J N	NA
Barium	ug/L	6,000	87.4 J E N	106 J E N	73.6 J E N	97.4 J E N	NA	105 J E N	87.5 J E N	NA	28.3 J E N	NA
Beryllium	ug/L	1	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Cadmium	ug/L	4	5.0 U E	0.42 J E	5.0 U E	0.56 J E	NA	5.0 U E	1.0 J E	NA	0.48 J E	NA
Calcium	ug/L	NS	78100 E	78200 E	60100 E	71500 E	NA	39200 E	17700 E	NA	32300 E	NA
Chromium	ug/L	70	0.58 J E N	10.0 U E N	10.0 U E N	10.0 U E N	NA	1.3 J E N	0.76 J E N	NA	0.57 J E N	NA
Cobalt	ug/L	100	1.8 J E N	0.85 J E N	1.5 J E N	1.9 J E N	NA	2.5 J E N	9.6 J E N	NA	4.2 J E N	NA
Copper	ug/L	1,300	1.6 J E N	25.0 U E N	6.0 J E N	9.1 J E N	NA	1.7 J E N	25.0 U E N	NA	4.9 J E N	NA
Cyanide	ug/L	100	2.1 J	6.1 J	5.2 J	7.2 J	NA	2.4 J	10.0 U	NA	10.0 U	NA
Iron	ug/L	300	6720 E	6370 E	4380 E	2180 E	NA	44000 E	33600 E	NA	307 E	NA
Lead	ug/L	5	10.0 U	10.0 U	10.0 U	2.6 J	NA	10.0 U	10.0 U	NA	10.0 U	NA
Magnesium	ug/L	NS	11400 E	17400 E	11400 E	11800 E	NA	3720 J E	3970 J E	NA	15800 E	NA
Manganese	ug/L	50	1300 E	1240 E	423 E	491 E	NA	571 E	1640 E	NA	1050 E	NA
Mercury	ug/L	2	0.11 J N	0.099 J N	0.095 J N	0.091 J N	NA	0.11 J N	0.097 J N	NA	0.11 J N	NA
Nickel	ug/L	100	3.0 J E	2.5 J E	7.1 J E	7.3 J E	NA	4.8 J E	11.2 J E	NA	5.6 J E	NA
Potassium	ug/L	NS	9610 E	9500 E	6190 E	5590 E	NA	4400 J E	16600 E	NA	1130 J E	NA
Selenium	ug/L	40	35.0 U N	35.0 U N	35.0 U N	35.0 U N	NA	35.0 U N	35.0 U N	NA	35.0 U N	NA
Silver	ug/L	40	10.0 U N	10.0 U N	10.0 U N	10.0 U N	NA	10.0 U N	10.0 U N	NA	10.0 U N	NA
Sodium	ug/L	50,000	7340 E	8080 E	5920 E	9170 E	NA	4230 J E	4570 J E	NA	58400 E	NA
Thallium	ug/L	2	25.0 U	25.0 U	2.6 J	25.0 U	NA	25.0 U	2.6 J	NA	25.0 U	NA
Vanadium	ug/L	60	3.7 J E N	8.9 J E N	5.2 J E N	50.0 U E N	NA	50.0 U E N	50.0 U E N	NA	50.0 U E N	NA
Zinc	ug/L	2,000	113 E	32.1 J E	154 E	168 E	NA	30.7 J E	225 E	NA	6.2 J E	NA

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number:	Units	NJ GWQC ug/L	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Result Q	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Second. Q	DUP (120414) 20025787 12/04/2014 TWP-8 Result Q	DUP (120414) 20025787 12/04/2014 TWP-8 Second. Q	GW-TWP-9 (120414) 20025787 12/04/2014 TWP-9 Result Q	GW-TB (120414) 20025787 12/04/2014 Result Q	GW-EB(120514) 20025787 12/05/2014 Result Q	GW-TB(120514) 20025787 12/05/2014 Result Q
Volatile Organic Compounds										
1,1,1-Trichloroethane	ug/L	30	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	3	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	50	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	9	0.042 JB	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane	ug/L	0.02	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	0.03	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	600	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	2	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	600	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	75	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dioxane	ug/L	10	100 U	NA	52 J	NA	100 U	100 U	100 U	100 U
2-Butanone	ug/L	300	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	300	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	ug/L	NS	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U
Acetone	ug/L	6,000	10 U	NA	10 U	NA	10 U	3.1 J	2.7 J	3.4 J
Benzene	ug/L	1	130	NA	130	NA	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	4	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	10	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	700	5.0 U	NA	0.086 JB	NA	5.0 U	5.0 U	5.0 U	0.081 JB
Carbon Tetrachloride	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	50	5.0 U	NA	0.15 J	NA	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	70	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Chlormethane	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	70	5.4	NA	5.6	NA	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	1,000	5.0 U	NA	5.0 U	NA	0.81 J	5.0 U	5.0 U	5.0 U
Ethylbenzene	ug/L	700	1.3 J	NA	1.4 J	NA	5.0 U	5.0 U	0.15 J	5.0 U
Isopropylbenzene	ug/L	700	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
m,p-Xylene	ug/L	1,000	3.9 J	NA	3.8 J	NA	0.079 J	5.0 U	0.26 JB	5.0 U
Methyl Acetate	ug/L	7,000	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-Butyl Ether	ug/L	70	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	ug/L	NS	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	3	0.96 JB	NA	1.3 JB	NA	0.95 JB	1.2 JB	3.0 JB	1.1 JB
o-Xylene	ug/L	1,000	5.4	NA	5.6	NA	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	100	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	0.4	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	600	6.9 B	NA	7.1 B	NA	0.065 JB	0.046 JB	0.078 JB	0.12 JB
Total Xylenes	ug/L	1,000	9.3 J	NA	9.4 J	NA	0.079 J	5.0 U	0.26 JB	5.0 U
trans-1,2-Dichloroethene	ug/L	100	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	2,000	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Total Conc.	ug/L	NS	153.902	NA	207.036	NA	1.904	4.346	6.188	4.701
Total Estimated Conc. (TICs)	ug/L	NS	189.0	NA	202.0	NA	64.1	66.2	55.0	59.0

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number:	Units	NJ GWQC ug/L	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Result Q	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Second. Q	DUP (120414) 20025787 12/04/2014 TWP-8 Result Q	DUP (120414) 20025787 12/04/2014 TWP-8 Second. Q	GW-TWP-9 (120414) 20025787 12/04/2014 TWP-9 Result Q	GW-TB (120414) 20025787 12/04/2014 Result Q	GW-EB(120514) 20025787 12/05/2014 Result Q	GW-TB(120514) 20025787 12/05/2014 Result Q	
Semivolatile Organic Compounds											
1,1-Biphenyl	ug/L	400	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
1,2,4,5-Tetrachlorobenzene	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,2'-Oxybis(1-Chloropropane)	ug/L	300	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,3,4,6-Tetrachlorophenol	ug/L	200	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,4,5-Trichlorophenol	ug/L	700	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,4,6 Trichlorophenol	ug/L	20	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,4-Dichlorophenol	ug/L	20	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,4-Dimethylphenol	ug/L	100	2.2 J	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,4-Dinitrophenol	ug/L	40	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
2,4-Dinitrotoluene	ug/L	10	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2,6-Dinitrotoluene	ug/L	10	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2-Chloronaphthalene	ug/L	600	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2-Chlorophenol	ug/L	40	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
2-Methylphenol	ug/L	NS	240 E	250 D	390 E	360 D	0.88 J	NA	5.5 U	NA	
2-Nitroaniline	ug/L	NS	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
2-Nitrophenol	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
3,3'-Dichlorobenzidine	ug/L	30	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
3-Nitroaniline	ug/L	NS	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
4,6-Dinitro-2-methylphenol	ug/L	1	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
4-Bromophenylphenyl Ether	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
4-Chloro-3-methylphenol	ug/L	100	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
4-Chloroaniline	ug/L	30	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
4-Chlorophenylphenyl ether	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
4-Methylphenol	ug/L	NS	14 U	23 U	6.2 U	41 U	0.25 J	NA	5.5 U	NA	
4-Nitroaniline	ug/L	NS	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
4-Nitrophenol	ug/L	NS	28 U	46 U	12 U	83 U	11 U	NA	11 U	NA	
Acetophenone	ug/L	700	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Atrazine	ug/L	3	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Benzaldehyde	ug/L	NS	14 U	3.6 J D	6.2 U	41 U	1.1 J	NA	5.5 U	NA	
Bis(2-Chloroethoxy) Methane	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Bis(2-Chloroethyl) Ether	ug/L	7	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Bis(2-ethyl hexyl) phthalate	ug/L	3	3.2 J B	2.5 J D B	2.0 J B	41 U	3.0 J B	NA	5.5 U	NA	
Butylbenzylphthalate	ug/L	100	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Caprolactam	ug/L	5,000	27	23 U	6.2 U	41 U	10	NA	5.5 U	NA	
Carbazole	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Dibenzofuran	ug/L	NS	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Diethyl phthalate	ug/L	6,000	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Dimethyl phthalate	ug/L	100	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Di-n-butyl phthalate	ug/L	700	14 U	23 U	6.2 U	41 U	0.36 J	NA	0.24 J	NA	
Di-n-octyl phthalate	ug/L	100	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Hexachlorobenzene	ug/L	0.02	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Hexachlorobutadiene	ug/L	1	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Hexachlorocyclopentadiene	ug/L	40	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Hexachloroethane	ug/L	7	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Isophorone	ug/L	40	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Nitrobenzene	ug/L	6	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
N-Nitroso-di-n-propylamine	ug/L	10	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
N-Nitrosodiphenylamine	ug/L	10	14 U	23 U	6.2 U	41 U	5.6 U	NA	5.5 U	NA	
Phenol	ug/L	2,000	2.0 J	23 U	2.2 J	2.2 J D	5.6 U	NA	5.5 U	NA	
Total Conc.	ug/L	NS	274.4	NA	394.2	NA	15.59	NA	0.24	NA	
Total Estimated Conc. (TICs)	ug/L	NS	3945.0	3120.0	4077.0	3399.0	908.2	NA	270.0	NA	

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number:	Units	NJ GWQC ug/L	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Result Q	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Second. Q	DUP (120414) 20025787 12/04/2014 TWP-8 Result Q	DUP (120414) 20025787 12/04/2014 TWP-8 Second. Q	GW-TWP-9 (120414) 20025787 12/04/2014 TWP-9 Result Q	GW-TB (120414) 20025787 12/04/2014 Result Q	GW-EB(120514) 20025787 12/05/2014 Result Q	GW-TB(120514) 20025787 12/05/2014 Result Q
SVOCs SIM										
2-Methylnaphthalene	ug/L	30	0.16 J	NA	0.061 J	NA	0.13 J	NA	0.11 U	NA
Acenaphthene	ug/L	400	0.059 J	NA	0.024 J	NA	0.14 J	NA	0.11 U	NA
Acenaphthylene	ug/L	100	0.062 J	NA	0.011 J	NA	0.077 J	NA	0.11 U	NA
Anthracene	ug/L	2,000	0.13 J	NA	0.022 J	NA	0.23 J	NA	0.11 U	NA
Benzo(a)anthracene	ug/L	0.1	0.64	NA	0.10 J	NA	1.6	NA	0.11 U	NA
Benzo(a)pyrene	ug/L	0.1	0.88	NA	0.15	NA	1.9	NA	0.11 U	NA
Benzo(b)fluoranthene	ug/L	0.05	0.75	NA	0.12 J	NA	1.9	NA	0.11 U	NA
Benzo(g,h,i)perylene	ug/L	100	0.41	NA	0.083 J	NA	0.97	NA	0.11 U	NA
Benzo(k)fluoranthene	ug/L	0.5	0.60	NA	0.092 J	NA	1.8	NA	0.11 U	NA
Chrysene	ug/L	5	0.66	NA	0.12 J	NA	1.7	NA	0.11 U	NA
Dibenz(a,h)anthracene	ug/L	0.3	0.13 J	NA	0.022 J	NA	0.42 J	NA	0.11 U	NA
Fluoranthene	ug/L	300	1.2	NA	0.19	NA	3.1	NA	0.11 U	NA
Fluorene	ug/L	300	0.071 J	NA	0.019 J	NA	0.092 J	NA	0.11 U	NA
Indeno(1,2,3-cd)pyrene	ug/L	0.2	0.29	NA	0.057 J	NA	1.0	NA	0.11 U	NA
Naphthalene	ug/L	300	0.35 B	NA	0.14 B	NA	0.29 J B	NA	0.0089 J	NA
Pentachlorophenol	ug/L	0.3	0.061 J	NA	0.026 J	NA	0.12 J	NA	0.22 U	NA
Phenanthrene	ug/L	100	0.47	NA	0.085 J	NA	1.5	NA	0.0046 J	NA
Pyrene	ug/L	200	0.97	NA	0.15	NA	2.6	NA	0.11 U	NA
Total Conc	ug/L	NS	7.893	NA	1.472	NA	19.569	NA	0.0135	NA
Polychlorinated Biphenyls										
Aroclor-1016	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1221	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1232	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1242	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1248	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1254	ug/L	0.5	0.41 J P	NA	0.29 J P	NA	0.18 J P	NA	1.0 U	NA
Aroclor-1260	ug/L	0.5	0.98 J	NA	0.70 J	NA	0.086 J	NA	1.0 U	NA
Aroclor-1262	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Aroclor-1268	ug/L	0.5	1.1 U	NA	1.1 U	NA	1.2 U	NA	1.0 U	NA
Total PCBs	ug/L	0.5	1.39 J P	NA	0.99 J P	NA	0.27 J P	NA	1.0 U	NA
Pesticides										
2,4'-DDD	ug/L	0.1	0.0032 J P	NA	0.0029 J P	NA	0.0085 J	NA	0.10 U	NA
2,4'-DDE	ug/L	0.1	0.012 J P	NA	0.0081 J P	NA	0.0040 J P	NA	0.10 U	NA
2,4'-DDT	ug/L	0.1	0.0018 J P	NA	0.0066 J	NA	0.12 U	NA	0.10 U	NA
4,4'-DDD	ug/L	0.1	0.0026 J P	NA	0.0033 J P	NA	0.020 J	NA	0.10 U	NA
4,4'-DDE	ug/L	0.1	0.0073 J P	NA	0.017 J	NA	0.019 J	NA	0.10 U	NA
4,4'-DDT	ug/L	0.1	0.012 J P	NA	0.021 J P	NA	0.0057 J P	NA	0.10 U	NA
Aldrin	ug/L	0.04	0.056 U	NA	0.057 U	NA	0.058 U	NA	0.051 U	NA
alpha-BHC	ug/L	0.02	0.056 U	NA	0.057 U	NA	0.058 U	NA	0.051 U	NA
alpha-Chlordane	ug/L	0.5	0.0051 J P	NA	0.0020 J P	NA	0.012 J	NA	0.051 U	NA
beta-BHC	ug/L	0.04	0.0030 J	NA	0.0021 J P	NA	0.0019 J P	NA	0.051 U	NA
delta-BHC	ug/L	0.03	0.056 U	NA	0.057 U	NA	0.058 U	NA	0.051 U	NA
Dieldrin	ug/L	0.03	0.0015 J P	NA	0.11 U	NA	0.0031 J P	NA	0.10 U	NA
Endosulfan I	ug/L	40	0.056 U	NA	0.057 U	NA	0.023 J	NA	0.051 U	NA
Endosulfan II	ug/L	40	0.0014 J P	NA	0.11 U	NA	0.12 U	NA	0.10 U	NA
Endosulfan sulfate	ug/L	40	0.0048 J P	NA	0.0033 J P	NA	0.12 U	NA	0.10 U	NA
Endrin	ug/L	2	0.11 U	NA	0.11 U	NA	0.12 U	NA	0.10 U	NA
Endrin aldehyde	ug/L	NS	0.011 J P	NA	0.0040 J P	NA	0.0024 J P	NA	0.10 U	NA
Endrin ketone	ug/L	NS	0.11 U	NA	0.11 U	NA	0.12 U	NA	0.10 U	NA
gamma-BHC (Lindane)	ug/L	0.03	0.056 U	NA	0.057 U	NA	0.058 U	NA	0.051 U	NA
gamma-Chlordane	ug/L	0.5	0.0053 J P	NA	0.0031 J P	NA	0.010 J	NA	0.051 U	NA
Heptachlor	ug/L	0.05	0.0024 J P B	NA	0.0021 J P B	NA	0.0016 J P B	NA	0.051 U	NA
Heptachlor epoxide	ug/L	0.2	0.0021 J P	NA	0.0012 J P	NA	0.058 U	NA	0.051 U	NA
Methoxychlor	ug/L	40	0.0023 J P	NA	0.57 U	NA	0.58 U	NA	0.51 U	NA
Toxaphene	ug/L	2	5.6 U	NA	5.7 U	NA	5.8 U	NA	5.1 U	NA

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOTS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Sample Name: TestAmerica Job ID Number:	Units	NJ GWQC ug/L	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Result Q	GW-TWP-8 (120414) 20025787 12/04/2014 TWP-8 Second. Q	DUP (120414) 20025787 12/04/2014 TWP-8 Result Q	DUP (120414) 20025787 12/04/2014 TWP-8 Second. Q	GW-TWP-9 (120414) 20025787 12/04/2014 TWP-9 Result Q	GW-TB (120414) 20025787 12/04/2014 Result Q	GW-EB(120514) 20025787 12/05/2014 Result Q	GW-TB(120514) 20025787 12/05/2014 Result Q	
Inorganics (total)											
Aluminum	ug/L	200	22300 E	NA	18300 E	NA	19200 E	NA	200 U E	NA	
Antimony	ug/L	6	60.0 U N	NA	60.0 U N	NA	3.1 J N	NA	60.0 U N	NA	
Arsenic	ug/L	3	7.7 J N	NA	7.3 J N	NA	11.3 N	NA	10.0 U N	NA	
Barium	ug/L	6,000	1880 E N	NA	1620 E N	NA	1500 E N	NA	200 U E N	NA	
Beryllium	ug/L	1	7.0	NA	6.0	NA	4.0 J	NA	5.0 U	NA	
Cadmium	ug/L	4	31.0 E	NA	27.2 E	NA	23.4 E	NA	5.0 U E	NA	
Calcium	ug/L	NS	69700 E	NA	63600 E	NA	69200 E	NA	5000 U E	NA	
Chromium	ug/L	70	34.7 E N	NA	28.6 E N	NA	45.5 E N	NA	10.0 U E N	NA	
Cobalt	ug/L	100	73.5 E N	NA	61.7 E N	NA	19.8 J E N	NA	50 U E N	NA	
Copper	ug/L	1,300	535 E N	NA	438 E N	NA	833 E N	NA	1.8 J E N	NA	
Cyanide	ug/L	100	35.7	NA	37.9	NA	21.5	NA	10.0 U	NA	
Iron	ug/L	300	182000 E	NA	151000 E	NA	151000 E	NA	100 U E	NA	
Lead	ug/L	5	3110	NA	2190	NA	5950	NA	10.0 U	NA	
Magnesium	ug/L	NS	12400 E	NA	11700 E	NA	8290 E	NA	5000 U E	NA	
Manganese	ug/L	50	8060 E	NA	6820 E	NA	1460 E	NA	15.0 U E	NA	
Mercury	ug/L	2	6.2 N	NA	1.9 N	NA	0.70 N	NA	0.084 J N	NA	
Nickel	ug/L	100	170 E	NA	149 E	NA	124 E	NA	40.0 U E	NA	
Potassium	ug/L	NS	2440 J E	NA	2300 J E	NA	2900 J E	NA	5000 U E	NA	
Selenium	ug/L	40	35.0 U N	NA	35.0 U N	NA	35.0 U N	NA	35.0 U N	NA	
Silver	ug/L	40	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	
Sodium	ug/L	50,000	10600 E	NA	10800 E	NA	9460 E	NA	5000 U E	NA	
Thallium	ug/L	2	5.5 J	NA	5.7 J	NA	4.4 J	NA	25.0 U	NA	
Vanadium	ug/L	60	188 E N	NA	158 E N	NA	142 E N	NA	50.0 U E N	NA	
Zinc	ug/L	2,000	7720 E	NA	6790 E	NA	5260 E	NA	60.0 U E	NA	
Inorganics (dissolved)											
Aluminum	ug/L	200	122 J E	NA	35.0 J E	NA	61.3 J E	NA	200 U E	NA	
Antimony	ug/L	6	60.0 U N	NA	60.0 U N	NA	60.0 U N	NA	60.0 U N	NA	
Arsenic	ug/L	3	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	
Barium	ug/L	6,000	147 J E N	NA	138 J E N	NA	224 E N	NA	200 U E N	NA	
Beryllium	ug/L	1	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	
Cadmium	ug/L	4	5.0 U E	NA	5.0 U E	NA	0.53 J E	NA	5.0 U E	NA	
Calcium	ug/L	NS	27500 E	NA	28300 E	NA	39300 E	NA	5000 U E	NA	
Chromium	ug/L	70	0.67 J E N	NA	0.78 J E N	NA	0.99 J E N	NA	10.0 U E N	NA	
Cobalt	ug/L	100	7.0 J E N	NA	7.1 J E N	NA	5.8 J E N	NA	50.0 U E N	NA	
Copper	ug/L	1,300	3.7 J E N	NA	2.4 J E N	NA	4.8 J E N	NA	25.0 U E N	NA	
Cyanide	ug/L	100	4.1 J	NA	3.2 J	NA	10.0 U	NA	10.0 U	NA	
Iron	ug/L	300	9380 E	NA	10700 E	NA	37300 E	NA	100 U E	NA	
Lead	ug/L	5	6.6 J	NA	10.0 U	NA	14.4	NA	10.0 U	NA	
Magnesium	ug/L	NS	7400 E	NA	7640 E	NA	7280 E	NA	5000 U E	NA	
Manganese	ug/L	50	1310 E	NA	1320 E	NA	859 E	NA	15.0 U E	NA	
Mercury	ug/L	2	0.12 J N	NA	0.096 J N	NA	0.13 J N	NA	0.075 J N	NA	
Nickel	ug/L	100	12.9 J E	NA	12.9 J E	NA	16.3 J E	NA	40.0 U E	NA	
Potassium	ug/L	NS	1540 J E	NA	1600 J E	NA	2700 J E	NA	5000 U E	NA	
Selenium	ug/L	40	35.0 U N	NA	35.0 U N	NA	35.0 U N	NA	35.0 U N	NA	
Silver	ug/L	40	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	10.0 U N	NA	
Sodium	ug/L	50,000	12100 E	NA	12600 E	NA	11700 E	NA	768 J E	NA	
Thallium	ug/L	2	25.0 U	NA	3.1 J	NA	25.0 U	NA	25.0 U	NA	
Vanadium	ug/L	60	50.0 U E N	NA	50.0 U E N	NA	50.0 U E N	NA	50.0 U E N	NA	
Zinc	ug/L	2,000	471 E	NA	444 E	NA	433 E	NA	60.0 U E	NA	

TABLE 3
SAMPLE SUMMARY TABLE - GROUNDWATER
ROLLING KNOLLS LANDFILL SUPERFUND SITE
CHATHAM, NEW JERSEY

Abbreviations:

DUP = duplicate sample
 EB = equipment blank
 NA = not analyzed
 NJDEP = New Jersey Department of Environmental Protection
 NJ GWQC = New Jersey Ground Water Quality Criteria
 NS = no standard
 PCBs = polychlorinated biphenyls
 TB = trip blank
 ug/L = micrograms per liter

Data Qualifiers:

B = The compound has been found in the sample as well as its associated blank.
 D = The sample was analyzed at a higher dilution factor.
 N = The spiked sample recovery is not within control limits.
 P = Dual column analysis resulted in greater than 25% difference for detected concentrations between the two columns.

*T = There are no TICs reported.
 U = The compound was analyzed for but not detected.

* = The surrogate exceeds the control limit.

Organics:

E = The compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
 J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

Inorganics:

E = The reported value is estimated because of the presence of interference based on serial dilution analysis.
 J = The sample result is greater than the MDL but below the CRDL.

Notes:

1. Analytical data presented in this table have not been validated and reduced.

2. NJ GWQS were obtained from N.J.A.C. 7:9C Ground Water Quality Standards, dated March 4, 2014, Appendix Table 1 and the NJDEP Interim Ground Water Quality Criteria Table.
 Bold values indicate detected concentrations greater than the NJ GWQS. Italicized concentrations indicated non detected concentrations greater than the NJ GWQS.

3. The following surrogates were used:

1,3-dichloropropene (total) used for cis-1,3-dichloropropene, trans-1,3-dichloropropene (NJ GWQC)
 2,4-dinitrotoluene/2,6-dinitrotoluene mix for 2,4-dinitrotoluene and 2,6-dinitrotoluene (NJ GWQC)

4,4'-DDD, 4,4'-DDE and 4,4'-DDT for 2,4'-DDD, 2,4'-DDE and 2,4'-DDT, respectively (NJ GWQC)
 chlordane for alpha-chlordane and gamma-chlordane (NJ GWQC)

4,4'-DDD, 4,4'-DDE and 4,4'-DDT for 2,4'-DDD, 2,4'-DDE and 2,4'-DDT, respectively (NJ GWQC)

p-xyles used for total xylenes and m,p-xyles (NJ GWQC)
 total PCBs for individual Aroclors (NJ GWQC)

total xylenes for m,p-xyles (NJ GWQC)

total xylenes used for o-xylene and m,p-xyles (NJ GWQC)
 vanadium pentoxide for vanadium (NJ GWQC)

4. Total xylenes calculated as the sum of o-xylene and m,p-xylene using only detected or estimated values.

5. Total PCBs calculated as the sum of Aroclors using only detected or estimated values.